

In the Claims:

Please amend Claims 1-30, and add Claims 31-34 all as shown below. Applicant respectfully reserves the right to prosecute any originally presented or canceled claims in a continuing or future application.

1. (Currently Amended) A system for determining dependencies between J2EE components to migrate a software application from one application server to a different application server, comprising:

a first application server that includes an application deployed thereon; and,  
a preprocessor server component on the first application server that can be used to interrogate the functionality of the deployed application, the applications' deployment information and any dependencies included therein, generate a new configuration information and communicate a subset of that the new configuration information to a second application server for use that is used in deploying the application at the second application server.
2. (Currently Amended) The system of claim 1 wherein said preprocessor performs the steps of:

interrogating the deployed application at the first application server to find all Java Naming and Directory Interface [[JNDI]] names present in the application;  
determining which of said [[JNDI]] Java Naming and Directory Interface entities will be realized at runtime; and,  
parsing through both an application-side list, and a server-side list, and locating dependencies that correlate with one another[[; and.]]  
communicating application configuration information for use in deploying the application on said second application server.
3. (Currently Amended) The system of claim 1 wherein the new configuration information is saved to a configuration file for subsequent use in deployment.
4. (Currently Amended) The system of claim 1 wherein the system further comprises a graphical user interface or web interface that allows the developer to select an application at [[a]] the first application server for subsequent deployment at [[a]] the second application server.

5. (Currently Amended) The system of claim 1 wherein the application side defines any [[EJBs]] Enterprise Java Beans used in the application and the resources dependent thereon[[.]], and the server side defines management [[APIs]] interfaces used by the application, data sources, and JMS queues.

6. (Currently Amended) A method [[for determining dependencies between J2EE components]] for migrating a software application from one software application server to a different software application server, comprising the steps of:  
providing a first application server that includes a preprocessor and an application deployed thereon; and,  
using the preprocessor to interrogate [[interrogating]] the functionality of the application, the applications' deployment information and any dependencies included therein, generate new configuration information and to communicate communicating a subset of that the new configuration information to a second application server [[for]] that is used in deploying the application at the second application server.

7. (Currently Amended) The method of claim 6 wherein said preprocessor performs the steps of:  
interrogating the deployed application at the first application server to find all [[JNDI]] Java Naming and Directory Interface names present in the application;  
determining which of said [[JNDI]] Java Naming and Directory Interface entities will be realized at runtime; and,  
parsing through both an application-side list, and a server-side list, and locating dependencies that correlate with one another[[.; and.]]  
communicating application configuration information for use in deploying the application on said second application server.

8. (Currently Amended) The method of claim 6 wherein the new configuration information is saved to a configuration file for subsequent use in deployment.

9. (Currently Amended) The method of claim 6 wherein the system further comprises a

graphical user interface or web interface that allows the developer to select an application at [[a]] the first application server for subsequent deployment at [[a]] the second application server.

10. (Currently Amended) The method of claim 6 wherein the application side defines any [[EJBs]] Enterprise Java Beans used in the application and the resources dependent thereon., and the server side defines management [[APIs]] interfaces used by the application, data sources, and [[JMS]] Java Messaging Service queues.

11. (Currently Amended) A computer readable medium including instructions stored thereon which when executed cause the computer to perform the steps of:

providing a first application server that includes an application deployed thereon and a preprocessor; and,

interrogating the application's functionality, the applications' deployment information and any dependencies included therein using the preprocessor, generating new configuration information, and communicating a-subset of that the new configuration information to a second application server [[for use]] that is used in deploying the application at the second application server.

12. (Currently Amended) The computer readable medium of claim 11 wherein said preprocessor performs the steps of:

interrogating the deployed application at the first application server to find all [[JNDI]] Java Naming and Directory Interface names present in the application;

determining which of said [[JNDI]] Java Naming and Directory Interface entities will be realized at runtime;

parsing through both an application-side list, and a server-side list, and locating dependencies that correlate with one another; and,

communicating [[application]] the new configuration information [[for use]] that is used in deploying the application on said second application server.

13. (Currently Amended) The computer readable medium of claim 11 wherein the new configuration information is saved to a configuration file for subsequent use in deployment.

14. (Currently Amended) The computer readable medium of claim 11 wherein the system further

comprises a graphical user interface or web interface that allows the developer to select an application at [[a]] the first application server for subsequent deployment at [[a]] the second application server.

15. (Currently Amended) The computer readable medium of claim 11 wherein the application side defines any [[EJBs]] Enterprise Java Beans used in the application and the resources dependent thereon[[.]], and the server side defines management [[APIs]] interfaces used by the application, data sources, and [[JMS]] Java Messaging Service queues.

16. (Currently Amended) A system for readily deploying software applications from a first server to a second server, comprising:

a first server having an application deployed thereon;

a second server adapted to receive said application;

a preprocessor on said first server that interrogates the application's functionality, the application's deployment information as deployed on said first server, and any dependencies included therein, and generates or communicates a [[subset of that]] new configuration information, [[for use]] that is used in deploying the application at said second server.

17. (Currently Amended) The system of claim 16 wherein said preprocessor performs the steps of:

interrogating the deployed application at the first application server to find all [[JNDI]] Java Naming and Directory Interface names present in the application;

determining which of said [[JNDI]] Java Naming and Directory Interface entities will be realized at runtime; and,

parsing through both an application-side list, and a server-side list, and locating dependencies that correlate with one another[[; and.]].

communicating application configuration information for use in deploying the application on said second application server.

18. (Currently Amended) The system of claim 16 wherein the new configuration information is saved to a configuration file for subsequent use in deployment.

19. (Currently Amended) The system of claim 16 wherein the system further comprises a graphical user interface or web interface that allows the developer to select an application at [[a]] the first application server for subsequent deployment at [[a]] the second application server.

20. (Currently Amended) The system of claim 16 wherein the application side defines any [[EJBs]] Enterprise Java Beans used in the application and the resources dependent thereon., and the server side defines management [[APIs]] interfaces used by the application, data sources, and [[JMS]] Java Messaging Service queues.

21. (Currently Amended) A method for readily deploying software applications from a first server to a second server, comprising the steps of:

providing a first server having an application deployed thereon and a preprocessor;

providing a second server adapted to receive said application;

interrogating the application's functionality, the application's deployment information as deployed on said first server, and any dependencies included therein using the preprocessor, and generating or communicating a subset of that new configuration information, [[for use]]that is used in deploying the application at said second server.

22. (Currently Amended) The method of claim 21 wherein said preprocessor performs the steps of:

interrogating the deployed application at the first application server to find all [[JNDI]] Java Naming and Directory Interface names present in the application;

determining which of said [[JNDI]] Java Naming and Directory Interface entities will be realized at runtime;

parsing through both an application-side list, and a server-side list, and locating dependencies that correlate with one another; and,

communicating [[application]] said new configuration information [[for use]] that is used in deploying the application on said second application server.

23. (Currently Amended) The method of claim 21 wherein the new configuration information is saved to a configuration file for subsequent use in deployment.

24. (Currently Amended) The method of claim 21 wherein the system further comprises a graphical user interface or web interface that allows the developer to select an application at [[a]] the first application server for subsequent deployment at [[a]] the second application server.

25. (Currently Amended) The method of claim 21 wherein the application side defines any [[EJBs]] Enterprise Java Beans used in the application and the resources dependent thereon., and the server side defines management [[APIs]] interfaces used by the application, data sources, and [[JMS]] Java Messaging Service queues.

26. (Currently Amended) A computer readable medium including instructions stored thereon which when executed cause the computer to perform the steps of:

providing a first server having an application deployed thereon and a preprocessor;

providing a second server adapted to receive said application;

interrogating the application's functionality, the application's deployment information as deployed on said first server, and any dependencies included therein using the preprocessor, and generating or communicating [[a subset of that]] new configuration information, [[for use]] that is used in deploying the application at said second server.

27. (Currently Amended) The computer readable medium of claim 26 wherein said preprocessor performs the steps of:

interrogating the deployed application at the first application server to find all [[JNDI]] Java Naming and Directory Interface names present in the application;

determining which of said [[JNDI]] Java Naming and Directory Interface entities will be realized at runtime;

parsing through both an application-side list, and a server-side list, and locating dependencies that correlate with one another; and,

communicating [[application]] the new configuration information [[for use]] that is used in deploying the application on said second application server.

28. (Currently Amended) The computer readable medium of claim 26 wherein the new configuration information is saved to a configuration file for subsequent use in deployment.

29. (Currently Amended) The computer readable medium of claim 26 wherein the system further comprises a graphical user interface or web interface that allows the developer to select an application at [[a]] the first application server for subsequent deployment at [[a]] the second application server.

30. (Currently Amended) The computer readable medium of claim 26 wherein the application side defines any EJBs used in the application and the resources dependent thereon., and the server side defines management [[APIs]] interfaces used by the application, data sources, and [[JMS]] Java Messaging Service queues.

31. (New) The system of claim 1 wherein the preprocessor server component is on the second application server instead of the first application server.

32. (New) The system of claim 1 where in deployment information is sifted to see which application entities will be realized at runtime.

33. (New) The method of claim 6 wherein the preprocessor server component is on the second application server instead of the first application server.

34. (New) The method of claim 6 wherein the deployment information is sifted to see which application entities will be realized at runtime.